

# Converting Colors

RGB(128, 112, 121)

Have a look what the booklet for  
RGB(128, 112, 121) contains.

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# Color

**RGB(128, 112, 121)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	807079
RGB	128, 112, 121
RGB Percent	50%, 44%, 47%
CMY	0.4980, 0.5608, 0.5255
CMYK	0.00, 0.12, 0.05, 0.50
HSL	326°, 7%, 47%
HSV	326°, 12%, 50%
XYZ	18.1474, 17.5580, 20.5217
YIQ	117.8100, 6.6470, 6.1910

# Conversions

## Conversions Part 2

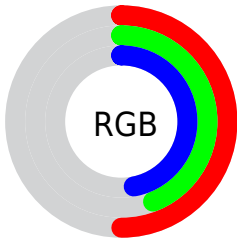
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 112, 121
Decimal	8417401
CIE <sub>Lab</sub>	48.96, 7.93, -2.68
CIE <sub>LCh</sub>	49, 8.372, 341.352
Yxy	17.5580, 0.3228, 0.3123
Android (android.graphics.Color)	4286607481 (0xFF807079)
YUV	117.8100, 1.5727, 8.9366
Hunter-Lab	41.9023, 3.9775, 0.2942

# Details

The RGB color **128, 112, 121** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112, 128, 119**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **181, 164, 173**, and **79, 64, 73** is the 20% darker color. If you saturate the color by 10%, you get **128, 99, 115**, and if you desaturate by 10%, it is **128, 125, 127**.

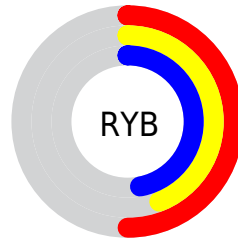
# Distribution



Red (50%)

Green (44%)

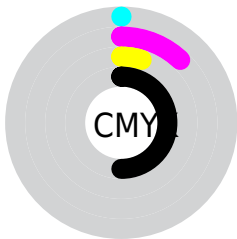
Blue (47%)



Red (50%)

Yellow (44%)

Blue (47%)

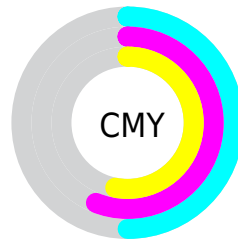


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (50%)



Cyan (50%)

Magenta (56%)

Yellow (53%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 128, 112, 121 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 128, 112, 121 by changing the saturation by 10% instead.



 128, 112, 121

255, 255, 255

 181, 164, 173

 208, 191, 201

 237, 219, 229

 255, 247, 255

 128, 112, 121

 103, 88, 96

 79, 64, 73

 56, 42, 50

 34, 22, 29

 8, 0, 2

 0, 0, 0

 128, 112, 121

 128, 99, 115

 128, 86, 110

 128, 112, 121

 128, 125, 127

 128, 138, 132

128, 74, 104

128, 150, 138

128, 61, 99

128, 163, 143

128, 48, 93

128, 176, 149

128, 35, 87

128, 189, 155

128, 22, 82

128, 202, 160

128, 10, 76

128, 214, 166

128, 0, 72

128, 227, 171

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



121, 114, 127



128, 112, 121



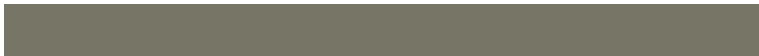
131, 112, 114

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



128, 112, 121



119, 117, 102



99, 120, 125

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



128, 112, 121



112, 128, 119

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99, 121, 119



128, 112, 121



111, 119, 106

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



128, 112, 121



126, 114, 103



104, 120, 112



104, 118, 129

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



128, 112, 121



131, 112, 109



104, 120, 112



99, 120, 123



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



128, 112, 121



166, 159, 163



119, 112, 128



84, 80, 82



212, 212, 212



84, 84, 84



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



128, 112, 121



166, 141, 155



128, 112, 113



64, 57, 61



128, 0, 72



0, 0, 0



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



128, 112, 121



166, 141, 155



112, 128, 127



64, 57, 61



128, 0, 72



0, 0, 0



# Previews

## White Background



This preview shows how the RGB color 128, 112, 121 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 128, 112, 121 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

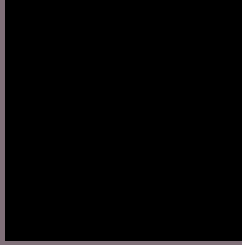
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 128, 112, 121 Background



This preview shows how black text looks on a background with the RGB color 128, 112, 121.



This preview shows how white text looks on a background with the RGB color 128, 112, 121.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
128, 112, 121

**Protanopia**  
116, 116, 123

**Deuteranopia**  
126, 113, 121



**Tritanopia**  
128, 112, 121

# Trichromacy



**Original Color**

128, 112, 121

**Protanomaly**

120, 115, 122

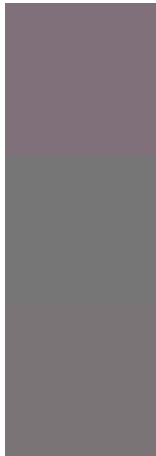
**Deuteranomaly**

127, 113, 121

**Tritanomaly**

128, 112, 121

# Monochromacy



**Original Color**

128, 112, 121

**Achromatopsia**

118, 118, 118

**Achromatomaly**

122, 116, 119

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 128, 112, 121 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(128, 112, 121) looks like.

```
.text, #text, p{  
    color:rgb(128, 112, 121)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(128, 112, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 112, 121) }
```

## Border

The CSS property to change the border of an element to RGB 128, 112, 121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 112, 121) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(128, 112, 121) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(128, 112, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 112, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 112, 121);  
box-shadow:4px 4px 4px 4px rgb(128, 112,  
121) }
```

# Background

The CSS property to change the background color of an element to RGB 128, 112, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 112, 121) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(128,  
112, 121) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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